

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Cassels,, Frederick  
Lees, Andrew  
Schuman, Richard

(ii) TITLE OF INVENTION: MONOCLONAL ANTIBODY WHICH AGGLUTINATES  
E. COLI HAVING THE CS4-CFA/1 FAMILY PROTEIN

(iii) NUMBER OF SEQUENCES: 3

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Glenna Hendricks  
(B) STREET: P.O. Box 2509  
(C) CITY: Fairfax  
(D) STATE: VA  
(E) COUNTRY: USA  
(F) ZIP: 22031

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/905,046  
(B) FILING DATE: 01-AUG-1997  
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Hendricks, Glenna  
(B) REGISTRATION NUMBER: 32,535  
(C) REFERENCE/DOCKET NUMBER: cassels/mon

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (703) 591-4470  
(B) TELEFAX: (703) 591-4428

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 36 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Val Glu Lys Asn Ile Thr Val Thr Ala Ser Val Asp Pro Thr Ile  
Asp 1 5 10 15  
Leu Leu Gln Ala Asp Gly Ser Ala Leu Pro Ser Ala Val Ala Leu  
Thr 20 25 30  
Tyr Ser Pro Ala  
35

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Ser Ala Val Ala Leu Thr Tyr Ser  
1 5

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 37 amino acids

(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(v) FRAGMENT TYPE: internal

(vi) ORIGINAL SOURCE:

(A) ORGANISM: E. COLI

(B) STRAIN: CS4-CFA/I

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Ile Cys Val Glu Lys Asn Ile Thr Val Thr Ala Ser Val Asp Pro Thr  
1 5 10 15  
Leu Asp Leu Leu Gln Ala Asp Gly Ser Ala Leu Pro Ser Ala Val Ala  
20 25 30  
Thr Tyr Ser Pro Ala  
35